

Date: Fri, 31 Dec 93 04:30:12 PST  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V93 #162  
To: Ham-Digital

Ham-Digital Digest                      Fri, 31 Dec 93                      Volume 93 : Issue 162

Today's Topics:

AX.25 Specs needed (4 msgs)  
Flexar 440 repeater  
Formats for SITOR/PACTOR/WWIV/digital?  
Gracilis PackeTen on AX.25?  
NE567 or XR2206? Help!  
So near and yet so far  
Sorry  
TCP/NOS for Windows?  
WNOS 4a9 NNTP part doesn'  
WNOS 4a9 NNTP part doesn't work  
Wnos Fkeys?  
Wnos ListServer

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>  
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Thu, 30 Dec 1993 18:04:00 GMT  
From: usc!howland.reston.ans.net!vixen.cso.uiuc.edu!newsrelay.iastate.edu!  
news.iastate.edu!jvp@network.ucsd.edu  
Subject: AX.25 Specs needed  
To: ham-digital@ucsd.edu

In <2fueec\$4ic@brains.cartoon.bt.co.uk> djkb@brains.axion.bt.co.uk (        Dirk  
Koopman        ) writes:

>From article <CItoJ6.L9B@rahul.net>, by alte@rahul.net (Charles Liu):  
>> I need help to know where/how to get AX.25 documents/specifications.

>>

>The ARRL have published the specification of the AX25 protocol and is  
>available direct from them, mail order.

Also the 7th or 8th Computer Network Conference proceedings has SDL  
(basically flow charts) of an implementation of AX.25. Well worth the  
purchase price if you're going to do an implementation!

```
+-----+
| Jim Van Peurse - Ph.D. Student - Ham Radio -> KE0PH          |
| Department of Electrical Engineering and Computer Engineering |
| Iowa State University - Ames, IA 50011                       |
| internet - jvp@iastate.edu -or- jvp@cpre1.ee.iastate.edu      |
+-----+
```

-----  
Date: 30 Dec 1993 10:36:28 -0800  
From: qualcomm.com!vixen.cso.uiuc.edu!sdd.hp.com!portal!mack!not-for-  
mail@network.ucsd.edu  
Subject: AX.25 Specs needed  
To: ham-digital@ucsd.edu

In article <2fueec\$4ic@brains.cartoon.bt.co.uk>,  
Dirk Koopman <djk@brains.axion.bt.co.uk> wrote:  
>From article <CItoJ6.L9B@rahul.net>, by alte@rahul.net (Charles Liu):  
>> I need help to know where/how to get AX.25 documents/specifications.  
>>  
>The ARRL have published the specification of the AX25 protocol and is  
>available direct from them, mail order.

The AX.25 protocol is also available online via ARRL's mail server.  
Send email to "info@arrl.org" with just "help" in the body and it will  
end you instructions.

73,  
km6wt - mont

-----  
Date: Thu, 30 Dec 1993 19:22:19 GMT  
From: netcomsv!netcom.com!pineapp@decwrl.dec.com  
Subject: AX.25 Specs needed  
To: ham-digital@ucsd.edu

In article <2fueec\$4ic@brains.cartoon.bt.co.uk> djc@brains.axion.bt.co.uk writes:  
>From article <CItoJ6.L9B@rahul.net>, by alte@rahul.net (Charles Liu):

>> I need help to know where/how to get AX.25 documents/specifications.  
>>  
>The ARRL have published the specification of the AX25 protocol and is  
>available direct from them, mail order.

Are we still using 1980 CCITT Specifications? Has anyone heard if there  
has been an upgrade to the CCITT AX.25?

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-----+-----  
| INTERNET: pineapp@netcom.com      (DC436) | Daniel Curry  WB6STW |  
| AMPRNET : dan@wb6stw.ampr.org [44.4.20.144] | E-:-) Ham Radio Operator |  
| AX.25   : wb6stw@n0ary.#NOCAL.CA.USA.NA   | Redwood City, CA USA |  
-----+-----
```

-----  
Date: 31 Dec 1993 04:08:49 GMT  
From: usenet.coe.montana.edu!grapevine.lcs.mit.edu!chaos.dac.neu.edu!chaos.dac!  
wylz@decwrl.dec.com  
Subject: AX.25 Specs needed  
To: ham-digital@ucsd.edu

In article <2fv73c\$s6m@vortex.eng.sc.rolm.com> montp@vortex.eng.sc.rolm.com (Mont  
Pierce) writes:

Path: chaos.dac.neu.edu!grapevine.lcs.mit.edu!think.com!cass.ma02.bull.com!  
spool.mu.edu!sdd.hp.com!portal!mack!not-for-mail  
From: montp@vortex.eng.sc.rolm.com (Mont Pierce)  
Newsgroups: rec.radio.amateur.digital.misc  
Date: 30 Dec 1993 10:36:28 -0800  
Organization: ROLM - A Siemens Company  
Lines: 16  
References: <CItoJ6.L9B@rahul.net> <2fueec\$4ic@brains.cartoon.bt.co.uk>  
NNTP-Posting-Host: vortex.eng.sc.rolm.com

In article <2fueec\$4ic@brains.cartoon.bt.co.uk>,  
Dirk Koopman <djk@brains.axion.bt.co.uk> wrote:  
>From article <CItoJ6.L9B@rahul.net>, by alte@rahul.net (Charles Liu):  
>> I need help to know where/how to get AX.25 documents/specifications.  
>>  
>The ARRL have published the specification of the AX25 protocol and is  
>available direct from them, mail order.

The AX.25 protocol is also available online via ARRL's mail server.  
Send email to "info@arrl.org" with just "help" in the body and it will  
end you instructions.

73,  
km6wt - mont

Not to forget that the files from the ARRL's info server are also FTP-able  
from world.std.com (192.74.137.5) in the directory:  
pub/hamradio/ARRL/server-files

73,  
Scott

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=====
| Scott Ehrlich      Internet: wy1z@neu.edu      BITNET: wy1z@NUHUB  |
| Amateur Radio: wy1z      AX.25: wy1z@k1ugm.ma.usa.na      |
|-----|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on      |
| the World - world.std.com pub/hamradio      |
=====
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Date: Thu, 30 Dec 93 18:42:01 GMT  
From: galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!  
howland.reston.ans.net!newsserver.jvnc.net!a3bee2.radnet.com!  
lyman@network.ucsd.edu  
Subject: Flexar 440 repeater  
To: ham-digital@ucsd.edu

I have a 440mhz Motorola Flexar repeater that will be coming out of service  
at the end of January. This unit puts out 25Watt, I have it set at 10Watts, AND  
has run flawlessly for over 1 year. The unit includes miniplexers (Notch type),  
Power supply.

The receiver and the Repeater Interface Controller (RIC) are housed in the  
same case. The transmitter and power supply are located in a flexar base housing  
there is also a DC remote interface installed. Comes with PL deck for both RX  
and TX. The unit is totally stock as it comes from Motorola. There is no IDer or  
control functions. The RIC just controls the ptt and cor.

The reason for removing is simple, I need a larger wick (power). This originally  
came out of service from the 469mhz area and now is running an 449mhz. There  
were no mods required to bring it down if frequency. I also have a service  
manual for the unit.

I am asking \$500.00 for the unit. It is in mint shape. And need a good home.

\*\*\*\*\*

*	William S. Lyman Jr	Compusoft	*
*	Wallingford, CT 06492	Email UUCP	lyman@a3bee2
*	(203) 294-0323 Voice	Email Internet	lyman@a3bee2.radnet.com
*	(203) 265-7017 Data	Packet Radio	n1nwp@n1nwp.ampr.org

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Date: Fri, 31 Dec 1993 11:10:18 GMT  
 From: usc!howland.reston.ans.net!newsserver.jvnc.net!newsserver.technet.sg!ntuix!  
 ntuvax.ntu.ac.sg!asirene@network.ucsd.edu  
 Subject: Formats for SITOR/PACTOR/WWIV/digital?  
 To: ham-digital@ucsd.edu

Hi,

Does anyone know where I can find the data formats/protocols/tones etc  
 etc for digital signals on HF such as SITOR/PACTOR etc etc? Also is it possible  
 to decode WWV signals to get time for computer clock adjustment? What is the  
 format? Tks. I am trying to write a software to decode these stuffs. Tks.

73s de 9VG Daniel

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Date: 31 Dec 93 05:23:42 GMT  
 From: swrinde!sgiblab!munari.oz.au!metro!news.ci.com.au!eram!  
 dave@network.ucsd.edu  
 Subject: Gracilis PackeTen on AX.25?  
 To: ham-digital@ucsd.edu

We're looking at putting up a PackeTen switch as a backbone switch, and  
 I heard this it does not handle "straight" AX.25 connections. Is this  
 right? If so, it would limit its usefulness somewhat (and please spare  
 me the lectures about weaning people away from AX.25 - this is a political  
 situation, and it is desirable, if not outright necessary, that it support  
 the AX.25 mob).

--

Dave Horsfall (VK2KFU)	VK2KFU @ VK2RWI.NSW.AUS.OC	PGP 2.3
dave@esi.COM.AU	...munari!esi.COM.AU!dave	available

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Date: Fri, 31 Dec 1993 11:08:03 GMT  
 From: usc!howland.reston.ans.net!newsserver.jvnc.net!newsserver.technet.sg!ntuix!  
 ntuvax.ntu.ac.sg!asirene@network.ucsd.edu  
 Subject: NE567 or XR2206? Help!  
 To: ham-digital@ucsd.edu

Hi,

I am trying to build a data decode, can anyone advise me whether to use the NE567 or XR2206? Which is better? Docs, Specs? How do I use the XR2206? Tks, need info pronto!

73s de 9VG Daniel

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Date: 30 Dec 93 16:22:07 GMT  
From: att-out!cbnews1!rlt@rutgers.rutgers.edu  
Subject: So near and yet so far  
To: ham-digital@ucsd.edu

In article <msanders-271293091011@msanders.sim.es.com> msanders@sim.es.com (Milt Sanders) writes:

\$In article <2fdsh9\$ljt@news.ysu.edu>, ad815@yfn.ysu.edu (John S. Kennedy) \$wrote:

>> Yes, boys and girls ... it finally happened ... I met a young  
>> lady ON PACKET who is ... get this ... 21, within driving distance,  
>> and has been a ham since she was 11 YEARS OLD!

>> ..... B U T !!!!!!!!!!!!! .....

>> SHE HAS A BOYFRIEND!!!!!!!!!!!!!!!!!!!!

\$There is always hope until she ties the knot with someone else! Keep being \$witty and charming over packet, maybe even contact on voice. People have \$been know to change minds, get rid of boyfriends (and girlfriends) etc. If

Good points...

\$her current boyfriend is not a ham, you have an even better chance. Also,

Don't count on this bit. Sure, it can be nice dating another ham, but it gets to be a drag when he wants to use \*my\* shack all the time! :-)

Just one woman's opinion...

Roberta AA2KZ

-----  
Date: Thu, 30 Dec 93 18:50:20 GMT  
From: qualcomm.com!vixen.cso.uiuc.edu!howland.reston.ans.net!newsserver.jvnc.net!a3bee2.radnet.com!lyman@network.ucsd.edu

Subject: Sorry  
To: ham-digital@ucsd.edu

I posted the repeater in the wrong group. Sorry No Flames PLEASE!

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Date: Thu, 30 Dec 1993 19:17:04 +0000  
From: swrinde!cs.utexas.edu!howland.reston.ans.net!pipex!uknet!demon!  
g3nrw.demon.co.uk!ian@network.ucsd.edu  
Subject: TCP/NOS for Windows?  
To: ham-digital@ucsd.edu

In article <2966259768.2.ny000600@mail.nyser.net> ny000600@mail.nyser.net writes:

>Anyone out there aware of a NOS that runs either in Windows or that  
>is a Windows program? I have currently been playing with Ian Wade's  
>NOS but am curious about a windows product '73 n2pfl

Sorry, you can't blame me for NOS ..... :-) You'll find that PA0GRI  
is the person responsible for the NOS in "NOSview"....

Good luck in your search!

73 and Happy New Year to all.  
Ian Wade, G3NRW

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+-----+-----+  
Ian Wade	e-mail: ian @ g3nrw.demon.co.uk
7 Daubeney Close, Harlington,	AMPRnet: g3nrw.ampr.org [44.131.5.147]
Dunstable, Beds, LU5 6NF, UK.	AX.25: G3NRW @ GB7BIL.#27.GBR.EU
+-----+-----+

-----  
Date: Thu, 30 Dec 1993 16:24:43 GMT  
From: library.ucla.edu!agate!iat.holonet.net!harry\_s@network.ucsd.edu  
Subject: WNOS 4a9 NNTP part doesn'  
To: ham-digital@ucsd.edu

> I am currently running Nos from WG7B version 107 succesfully (or i  
> think...)

Why don't you subscribe to the NOS-BBS or NOS-BBS-DIGEST mailing lists  
on hydra@carleton.ca? These are the raw and digested discussion lists  
for users and programmers of JNOS (WG7J NOS).

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KWQ/2 1.2b

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Harry L. Styron (510) 932-4300 | I'd rather see a sermon,  
harry\_s@holonet fax: 933-3801 | than hear one, any day.  
harry@wcrk.k6mfv.ampr.org | I'd rather have you walk with me,  
CIS: 76456,2456 | with me, than merely tell the way.

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Date: 30 Dec 1993 22:55:23 GMT  
From: noc.near.net!news.delphi.com!njbirdman@uunet.uu.net  
Subject: WNOS 4a9 NNTP part doesn't work  
To: ham-digital@ucsd.edu

As I am sure someone else told you, your "executable" was no doubt  
compiled without the NNTP. Same thing happened to me. Go FTP to  
ftp.ece.orst.edu :pub/ham/wg7j and try V1.10x15 of JNOS. Excellent NNTP!  
73,  
John N4JS

.. Don't you hate when that happens??

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~ TLX v3.20/D-LITE2.02 ~

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Date: 30 Dec 1993 19:52:02 GMT  
From: galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!  
howland.reston.ans.net!news.ans.net!mailhost.interaccess.com!interaccess.com!  
hopken@network.ucsd.edu  
Subject: Wnos Fkeys?  
To: ham-digital@ucsd.edu

Hi All. I love Wnos BUT I can't live without Fkeys. Since all of the Fkeys  
in my version of Wnos are used to change sessions, I wondered if anybody  
had done any work on keeping say 3 Fkeys to change sessions and let the  
rest be programmable? How often does anyone have 9 channels open at a  
time? Any thoughts or suggestions?

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=====

Ken Hopkins WA9WCP | Internet - HOPKEN@interaccess.com  
Disaster Team - | AMPRnet - 44.72.1.162  
American Red Cross | AX.25 - WA9WCP@W9ZMR.IL.USA

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Date: 29 Dec 93 16:32:38 GMT



From: news-mail-gateway@ucsd.edu  
Subject: Wnos ListServer  
To: ham-digital@ucsd.edu

Guy said:

> >I tried to run WNOS version 4a9 and it seem that the NNTP part doesn't to  
> >run. Because if I try "start nntp" or if I try the command "?", the nntp  
> >command is not there.

Hi, Guy. We are running Wnos 4a9, but not yet the 4a9 nntp stuff...:-(  
(the 4a8 nntp looks good...)

But remember that before run nntp you must define the NNTP services with  
the #define at your config.h

Btw:

There was a list to discuss Wnos related questions, but it was  
turned off by the listserv maintainer, as it seems...

In the meantime, we offer a new list to re-group wnos users, at  
the Educational Software Lab (EDUGRAF-INE-UFSC-BRAZIL).

The idea is: all previous subscribers will automatically be added  
to this list. Those who do not wish to stay in the new list are  
asked to sign off after receiving the message telling they've  
been added.

We are setting up and testing a Listserver for this purpose...  
(I think it'll be operational in two weeks)

We want to install an anonymous FTP-server, too, with all wnos-related  
stuff. We would be happy if people that have any usable stuff could  
please point it to us.

So, that's an INVITATION to all wnos users: send us a mail and we  
will maintain you updated with this effort..

73, and Happy New Year!

Internet	If you want to go ahead
pro: fernando @ edugraf.ufsc.br	get a theory...
amateur: fernando @ edugraf.ampr.org	If you want a theory
	go ahead! Papert(?)

Date: Thu, 30 Dec 1993 17:32:50 GMT

From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!news.ecn.bgu.edu!

willis1.cis.uab.edu!right.dom.uab.edu!user@network.ucsd.edu

To: ham-digital@ucsd.edu

References <2fdsh9\$1jt@news.ysu.edu>, <msanders-271293091011@msanders.sim.es.com>, <CIuw56.G6u@cbnewsl.cb.att.com>r

Subject : Re: So near and yet so far

In article <CIuw56.G6u@cbnewsl.cb.att.com>, rlt@cbnewsl.cb.att.com (r l taylor) wrote:

>

> In article <msanders-271293091011@msanders.sim.es.com> msanders@sim.es.com (Milt Sanders) writes:

> \$In article <2fdsh9\$1jt@news.ysu.edu>, ad815@yfn.ysu.edu (John S. Kennedy)

> \$wrote:

>

> >> Yes, boys and girls ... it finally happened ... I met a young

> >> lady ON PACKET who is ... get this ... 21, within driving distance,

> >> and has been a ham since she was 11 YEARS OLD!

>

> >> ..... B U T !!!!!!!!!!!!!!! .....

>

> >> SHE HAS A BOYFRIEND!!!!!!!!!!!!!!!!!!!!

>

> \$There is always hope until she ties the knot with someone else! Keep being

> \$witty and charming over packet, maybe even contact on voice. People have

> \$been know to change minds, get rid of boyfriends (and girlfriends) etc. If

>

> Good points...

>

> \$her current boyfriend is not a ham, you have an even better chance. Also,

>

> Don't count on this bit. Sure, it can be nice dating another ham, but it

> gets to be a drag when he wants to use \*my\* shack all the time! :-)

Does she have big tubes or little transistors in her finals? On the other hand, it is probably better to judge people by their operating practices rather than their equipment.

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Date: 31 Dec 1993 02:31:57 GMT

From: nothing.ucsd.edu!brian@network.ucsd.edu

To: ham-digital@ucsd.edu

References <CItoJ6.L9B@rahul.net>, <2fueec\$4ic@brains.cartoon.bt.co.uk>, <pineappCIv4H9.2tJ@netcom.com>

Subject : Re: AX.25 Specs needed

<pineappCIv4H9.2tJ@netcom.com> pineapp@netcom.com (Daniel Curry) writes:  
>has been an upgrade to the CCITT AX.25?

Uh, AX.25 and X.25 aren't the same thing. In fact, the names are more  
similar than the protocols are.  
- Brian

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End of Ham-Digital Digest V93 #162

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